



Borough of Cleethorpes.

ANNUAL REPORT
ON THE
Health and
Sanitary Conditions
FOR THE YEAR, 1949.

C. A. McCLEARY,

M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health.

Table of Contents.

Health Committee Members	...	...	...	3
Public Health Staff	...	...	...	3
Introductory Letter	...	...	...	4

SECTION A.—Statistics and Social Conditions.

		Page			Page
General Statistics	...	5	Vital Statistics	...	5
Social Conditions	...	5	Causes of Death	...	6

SECTION B.—General Provision of Health Services.

Laboratory Facilities	...	7	Hospitals	...	8
Ambulance Facilities	...	7	Maternity Home	...	8, 9
Nursing at Home	...	7	School Medical Services	9, 10, 11	
Clinics	...	7			

SECTION C.—Sanitary Circumstances.

Water	...	11, 12	Sanitary Inspection	...	14
Drainage and Sewerage	...	12	Swimming Pool	...	14
Rivers and Streams	...	12	Factories Workshops and		
Closet Accommodation	...	12, 14	Workplaces	...	15
Public Cleansing	...	13, 14			

SECTION D.—Housing.

Housing Statistics	...	16, 17	Overcrowding	...	17
Nuisances	...	17			

SECTION E.—Inspection and Supervision of Food.

Examination of Milk Supply			Milk Supply	...	18
and Ice Cream	...	18, 19	Ice Cream	...	19

SECTION F.—Prevalence of and Control over Infectious and other Diseases.

Infectious Diseases			Cancer	...	21
Generally	19—23		Prevention of Blindness		21
Immunisation against			Tuberculosis	...	22, 23
Diphtheria	...	20	Domestic Help Service	...	23
Vaccination against					
Smallpox	...	21			

Report on the Meteorological Conditions prevailing at					
Cleethorpes during 1949	...	...	...	...	24, 25, 26



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Health Committee Members, 1948-49.

Chairman : Ald. E. Houghton, J. P.	
Vice-Chairman : Coun. F. Broddle, J.P.	
Ald. A. W. Cox.	Ald. W. F. George.
Ald. F. Rhodes.	Coun. C. Edwards.
Coun. H. Holmes.	Coun. E. F. Marklew, J.P., Mayor
Coun. C. J. Shaw.	Coun. G. Cordy.

Staff of the Health Department.

Medical Officer of Health, C. A. McCleary,	M.B., B.Ch., B.A.O., D.P.H.
Chief Sanitary Inspector and Cleansing Superintendent :	Herbert Brant, M.R.San.I., F.S.I.A.
Sanitary Inspector, No. 2 District :	G. H. Cooper, D.P.A. (Lond.), M.S.I.A.
Assistant Sanitary Inspector : G. N. Schofield, A.R. San. I.	(Commenced 14-2-49).
Pupil Sanitary Inspectors : J. P. Emerson. (Attending Government Training Course).	
	D. H. Hibbert.
	D. St. J. Frost.
	D. W. Keightley.

The following members of the County Staff carried out work within the Borough :

Dr. C. A. McCleary	School Medical Officer.
Dr. E. M. Mockler	Maternity and Child Welfare.
Mr. F. E. Padgett (Resigned 4-5-49)	Dental Surgeon.
Miss E. Clark, S.R.N., S.C.M.	Health Visitor.
Mrs. R. M. Ward, S.R.N., S.C.M.	Health Visitor.
Miss R. E. Braybrook, S.R.N.	Health Visitor.
Mrs. F. M. Kierney, S.R.N.	Health Visitor
Mrs. Shute	Secretary.
Miss L. Plumb	Home Help Organiser.

HEALTH DEPARTMENT, CLEETHORPES.

To the Mayor, Aldermen and Councillors of the Borough of Cleethorpes.

GENTLEMEN,

I have the honour to present to you my Annual Report on the Health and Sanitary Conditions of the Borough for the year 1949.

From the vital statistics it will be noted that the Death Rate (12.32) and the Birth Rate (18.54) represent figures which are not as satisfactory as those for 1948, viz., 9.95 and 20.46 respectively. The Death Rates for England and Wales and the smaller towns were 11.7 and 11.6 respectively, and the Birth Rates 16.7 and 18.0 respectively.

Deaths of infants under one year numbered 27 giving an Infantile Mortality Rate of 50.28, an increase of 23.17 per thousand live births on the Rate for the previous year. 25 of the infants died within one month of birth, the cause of death in most cases being registered as prematurity. The corresponding rate for England and Wales was 32 and for smaller towns 30.

Compared with 1948 there were 638 fewer cases of notifiable infectious disease during the year. Of two cases of polio infection notified, one proved fatal within a few hours of admission to the Isolation Hospital. There were 12 deaths from infectious disease compared with 10 in 1948. Cancer accounted for 65 deaths, being an increase of 16 deaths from this disease on the previous year.

During the summer season concern was felt over the pollution of an open drain within the area of the Borough. On investigation it was discovered that this was due to crude urine entering the drain from a neighbouring holiday camp outside the Borough boundary. Action was taken to have the source of the pollution effectively dealt with, and a system of filtration tanks with land-tile drainage was advocated to deal with the future disposal of urine.

No other noteworthy incident liable to affect the health of the Borough has occurred during the year under review, and the various activities of the Health Department are discussed under the appropriate headings.

In compiling this report I am indebted to the Medical Officer of Health, Lindsey County Council, the Borough Surveyor of Cleethorpes and the Chief Sanitary Inspector for the information which they have supplied. I wish also to record my appreciation of the support afforded me throughout the year by the Chairman, Ald. E. Houghton, J.P., C.C. and the members of the Health Committee.

I have the honour to be, Gentlemen,

Your obedient servant,

C. A. McCLEARY,

Medical Officer of Health.

SECTION A. Statistics and Social Conditions of the Area.

General Statistics.

Area of Borough in acres (above high water mark) ...	...	2250
Registrar-General's estimate of Resident population (mid-1949)	28,970	
Number of inhabited houses (end of 1949) ...	...	8,575
Rateable Value, 1st April, 1949 ...	...	£157,197
Sum represented by a penny rate ...	...	£629

Vital Statistics.

		Total	Male	Female	
Live Births	Legitimate	506	252	254	Birth Rate per 1,000 of the estimated resident population ...
	Illegitimate	31	14	17	
Still Births	Legitimate	10	7	3	Rate per 1,000 total (live and still births) ...
	Illegitimate	Nil	Nil	Nil	
					... 18.54
					... 18.25

Death Rate per 1,000 of the estimated resident population ... 12.32

Death Rate per 1,000 for England and Wales ... 11.7

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List).

		Deaths	Rate per 1,000 (total live and still births.)
No. 29.	Puerperal Sepsis ...	Nil	Nil
No. 30.	Other Maternal causes...	1	1.828

Death Rate of Infants under one year of age :--

All infants per 1,000 live births...	50.28
Legitimate infants per 1,000 legitimate live births ...	51.39
Illegitimate infants per 1,000 illegitimate live births ...	32.25

Deaths from Cancer (all ages) ... 65

Deaths from Measles (all ages) ... Nil

Deaths from Whooping Cough (all ages) ... Nil

Deaths from Diarrhoea (under 2 years of age) ... 1

Causes of Death in Borough of Cleethorpes.

CAUSES OF DEATH.			1949	
			Males	Fem.
1 Typhoid and Paratyphoid Fever	—	—	—	—
2 Cerebro-Spinal Fever	—	—	—	—
3 Scarlet Fever	—	—	—	—
4 Whooping Cough	—	—	—	—
5 Diphtheria	—	—	—	—
6 Tuberculosis of Respiratory System... ..	7	2	7	2
7 Other forms of Tuberculosis	2	1	2	1
8 Syphilis	3	2	3	2
9 Influenza	4	2	4	2
10 Measles	—	—	—	—
11 Acute Poliomyelitis and Polioencephalitis	1	—	1	—
12 Acute infectious Encephalitis	—	—	—	—
13 Cancer of buccal cavity and oesophagus (male)... and uterus (female)	3	4	3	4
14 Cancer of stomach and duodenum	4	4	4	4
15 Cancer of breast	1	7	1	7
16 Cancer of all other sites	31	11	31	11
17 Diabetes	1	2	1	2
18 Intra Cranial Vascular Lesions	18	24	18	24
19 Heart Disease	44	42	44	42
20 Other diseases of the circulatory system	2	7	2	7
21 Bronchitis	15	10	15	10
22 Pneumonia	4	7	4	7
23 Other Respiratory Diseases	2	3	2	3
24 Ulcer of the stomach or duodenum	2	2	2	2
25 Diarrhoea under two years	—	1	—	1
26 Appendicitis	—	—	—	—
27 Other Digestive Diseases	5	8	5	8
28 Nephritis	5	3	5	3
29 Puerperal and post-abortive Sepsis... ..	—	—	—	—
30 Other Maternal Causes	—	1	—	1
31 Premature birth	5	5	5	5
32 Congenital malformation, birth injury infantile diseases	7	4	7	4
33 Suicide	2	2	2	2
34 Road traffic accidents	—	—	—	—
35 Other violent causes	5	1	5	1
36 All other causes	21	8	21	8
TOTALS			194	163

Section B.—General Provision of Health Services of the Area.

(a) Laboratory facilities.

These are available for the examination of throat and nose swabs, sputum, etc., at the Public Health Department, Council Offices, Cleethorpes, to which address specimens should be sent.

(b) Ambulance facilities.

These are provided by the Lindsey County Council.

(c) Nursing at Home.

Four District Nurse-midwives are stationed in Cleethorpes and are members of the Lindsey Nursing Association. The Lindsey County Council also provide the services of a nurse for cases of Ophthalmia Neonatorum to be nursed at home, when requested by General Medical Practitioners.

(d) Clinics.

The Lindsey County Council from the Clinic, St. Hugh's Avenue, Cleethorpes, provide the following services :—

Clinics, St. Hugh's Avenue, Cleethorpes.

CLINIC	DAY	HOUR
School	Wednesday	9-30 a.m.
School Nurse attends for treatments	{ Monday, Wednesday and	9-30 a.m. 2 p.m.
	Thursday	
	{ Tuesday and Friday	
Eye	Friday (by appointment)	10 a.m.
Infant Welfare	Monday and Thursday	2 p.m.
Toddlers	Monday	9-30 a.m.
Ante-Natal	Tuesday	9-30 a.m.
Special treatment (Female)	Thursday	10-30 a.m.
Massage	Monday and Thursday	10 a.m.
U.V.R.	Monday and Thursday	9-30 a.m.
Dental	Daily	9-30 a.m.
Rheumatism and Heart	Monthly (by appointment)	2 p.m.

Diphtheria Immunisation Sessions are held at the School and Infant Welfare Clinics on the appropriate days.

(Facilities for the diagnosis and treatment of venereal disease are available at the V.D. Clinic, 38 Queen Street, Grimsby).

(e) Hospitals.

Facilities exist for the treatment of Infectious Disease at the Grimsby Isolation Hospital.

Maternity Hospital, Cleethorpes.

This report is included by the courtesy of the Secretary of the Grimsby Hospitals Management Committee.

1. Name and address of the Institution.

Cleethorpes Maternity Hospital,
Mill Road,
Cleethorpes, Lincs.

2. Number of Maternity beds in the Institution
(exclusive of isolation and labour beds) at 31/12/49. 30
3. Number of Maternity cases admitted during the year 602
4. Average duration of stay of cases in the lying-in wards 11.91 days
5. Number of cases delivered by
 - (a) Midwives 474
 - (b) Doctors 128
6. Number of cases in which medical assistance was sought
by a midwife in emergency... .. 65
7. Number of cases admitted after delivery 2
8. Number of cases notified as
 - (a) puerperal fever Nil
 - (b) puerperal pyrexia Nil
9. Number of cases of pemphigus neonatorum Nil
Born with intra-uterine pemphigus.
10. (a) Number of infants not entirely breast fed while in the
Institution 133
(b) Number of infants wholly breast fed on leaving
the Institution 440
11. (a) Number of cases notified as ophthalmia neonatorum Nil
(b) Result of treatment in each case. —
12. Number of maternal deaths 1
13. (a) Number of stillbirths 10
(b) Cause in each case and results of post-mortem (if available) :

4 Macerated Foetuses	1 Impacted Shoulders
1 Prolapsed Cord.	1 Premature.
1 Breech.	2 Anoxæmia.

14. (a) Number of infant deaths within 10 days of birth ... 19
 (b) Cause of Death : 16 Premature, 1 Atelectasis,
 2 Difficult Forceps.

General Hospital facilities are available at the Grimsby and District Hospital and at the Lindsey County Council Infirmary, Louth.

School Medical Services.

These services are provided by the County Council and I am indebted to the County Medical Officer for permission to include the following details of work carried out during the year in my capacity as School Medical Inspector.

A. ROUTINE MEDICAL INSPECTION

(exclusive of special and supervisory examinations).

Prescribed Groups.	Number of Children Inspected.	Number of Defects found to require treatment. (excluding uncleanliness and dental diseases)		
		Vision.	Other Defects.	*Total.
Entrants	446	1	103	103
Second Age Group	371	23	59	76
Third Age Group	452	24	49	71
Total (prescribed groups)	1269	48	211	250

* Individual Children receiving treatment.

B. Defects found in the course of Medical Inspection.

DEFECT.	Routine Inspections		Special Inspections	
	Requiring Treatment	Requiring observation but not Treatment	Requiring Treatment	Requiring observation but not Treatment
SKIN.	29	12	2	
EYE.				
(a) Defective Vision (excluding Squint)	48	62	3	
(b) Squint	7	23	1	
(c) Other conditions	22	4	1	
EAR.				
(a) Defective Hearing	1	5		
(b) Otitis Media	4	8		
(c) Other Ear Diseases... ..	14	1		
NOSE AND THROAT.	73	237	2	
ENLARGED CERVICAL GLANDS.	1	96		1
DEFECTIVE SPEECH.	2	20		
HEART AND CIRCULATION.	6	36		
LUNGS.	21	50	1	
DEVELOPMENTAL.				
(a) Hernia	2	1		
(b) Other	5	49		
ORTHOPÆDIC				
(a) Posture	1	7		
(b) Flatfeet	21	32		
(c) Other	14	40		
NERVOUS SYSTEM.				
Epilepsy		1		
Other conditions		3		
PSYCHOLOGICAL.				
(a) Development		6	2	
(b) Stability		12		1
OTHER DEFECTS AND DISEASES. (Excluding Uncleanliness and Dental Diseases)	18	158		

C. General Condition.

All scholars examined were classified in 3 groups : —A. Good, B.—Fair, C.—Poor.

GROUP	A.	B.	C.
Entrants	62	309	75
Second age group	85	225	61
Third age group	110	309	33
Total (prescribed groups)	257	843	169

Section C.—Sanitary Circumstances of the Area.

1. (1) Water Supply.

The water supply has been satisfactory both as regards quality and quantity. The supply is by pipe from the Grimsby, Cleethorpes and District Joint Water Board's undertaking and is constant.

Bacteriological and chemical examination of samples from the source of supply are carried out monthly and results of these examinations are supplied to the Medical Officer of Health.

Samples are also taken periodically by the Health Department from the supply as delivered to the public and submitted for bacteriological examination.

The following is a copy of a report on a sample taken by the Water Board on the 7th July, 1949 :

The Counties Public Health Laboratories,
66 Victoria Street, London, S.W.1.

Chemical Results in Parts per 1,000,000.

Appearance	Clear and bright.	Turbidity (Silica Scale)	Nil.
Colour (Hazen)	Nil	Odour	Nil.
Reaction pH	Neutral : 7.3	Free Carbon Dioxide	14
Electric Conductivity at		Total Solids	
	20° C. 425	dried at 180° C.	285
Chlorine in Chlorides	20	Alkalinity as	
		Calcium Carbonate	190
		Non-carbonate (Permanent)	55
Hardness	Total : 245	Carbonate (Temporary)	190
Nitrogen in Nitrates	4.8	Nitrogen in Nitrites	Less than 0.01
Free Ammonia	0.000	Residual Chlorine	Nil
Albuminoid Ammonia	0.000	Oxygen Absorbed in 4 hrs.	
		at 27° C.	0.00
Metals.	Absent.	Other Metals	Absent.

Bacteriological Results.

	1 day at 37° C.	2 days at 37° C	3 days at 20° C
Number of Colonies developing on Agar per cc. or ml. in	0	0	2
Presumptive Coliform Reaction	Present in --	Absent from 100 ml.	
Bact. coli.	Present in --	Absent from 100 ml.	
Cl. welchii Reaction	Present in --	Absent from 100 ml.	

This sample is clear and bright in appearance, neutral in reaction and free from Iron and other metals. The water is hard in character but not to an abnormal degree, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

These results are consistent with a pure and wholesome water suitable for the purposes of a public supply.

(Signed) GORDON MILES, B. Sc., F.R.I.C.

Wells	{ New sunk	Nil
	{ Cleansed, repaired	Nil
	{ Closed as polluted	Nil
Public Supply	{ Area supplied :—Whole area except 36 houses in North Sea Lane and Humberston Road district.	
	{ Percentage of houses supplied	99.85%

(2) Drains.

Drains examined, tested, exposed, etc. ...	337
Drains unstopped, repaired, trapped, etc. ...	198
Waste pipes, rain water pipes disconnected, repaired, etc. ...	12
New soil pipes or ventilating shafts fixed ...	174
Existing soil pipes or ventilating shafts repaired ...	18
Drains reconstructed	Nil

2 Rivers and Streams.

A small stream known as the Buck Beck which is polluted before reaching the Borough discharges on the Foreshore.

3 (i) Closet Accommodation.

Number of houses with privy vaults in district ...	Nil
Number of houses with pail closets in district ...	18
Number of pail closets repaired	1
Number of pail closets substituted for privy vaults ...	Nil
Number of houses with water closets in district ...	8,570
Number of water closets substituted for dry receptacles ...	Nil
Number of water closets repaired	27

Cesspools.

Cesspools rendered impervious	Nil
Cesspools emptied, cleansed, etc.	Nil
Cesspools abolished	Nil

(ii) House Refuse.

Number of covered ashpits	...	...	Nil
Number of uncovered ashpits	...	...	Nil
Number of bins substituted for ashpits	...	...	Nil
Refuse is removed by Local Authority.			
Number of houses using bins	...	...	8,586
Refuse is removed from each house every 7-10 days.			
Number of complaints for non-removal	...	...	20
Method of final disposal—Refuse Destructor, Salvage and Controlled Tip at Anthony's Bank, Humberston Land.			

CLEANSING SERVICE.

The following particulars of operations in the Cleansing Department relate to the year ended 31st March, 1950.

Refuse Collection.

Loads and estimated weight of house and trade refuse collected during the year :—

By Motor Vehicle	...	4,927 loads	7,148 tons
By Horse-drawn Vehicle		52 loads	26 tons

4,795 loads of the collected refuse were weighed.

Estimated gross expenditure on refuse collection for the year was £8,251. Gross income for the year was £7. Net cost per ton £1 3s. 0d.

Refuse Disposal.

The house and trade refuse dealt with was disposed of as follows :—

2,722 tons to Disposal Works.

4,426 tons to Humberston Land Reclamation Scheme.

26 tons to Farmland.

Estimated gross expenditure of refuse disposal for the year £4,389. Gross Income £610. Net cost per ton 10s. 7d.

Salvage.

Total receipts of salvage sales during the year £610.

Materials Sold.	Tons. Cwts. Qrs.			Receipts.		
				£	s.	d.
Mixed waste paper	94	16	0	325	0	11
Baled scrap tins	68	11	0	105	0	11
Mixed textiles	7	2	3	114	19	3
Bottles and Jars	896	Dozen		14	16	2
Mixed scrap iron	17	3	0	15	13	3
Screened ash and clinker	40	10	0	4	2	0
Non-Ferrous metals		13	3	14	10	0
Miscellaneous				15	17	6

Gully Cleansing.

The number of gullies cleansed was :—

6,039 Street Gullies.

2,135 Passage Gullies.

266 cart-loads of refuse removed from gullies.

Cost of work for the year :---£326.

Passage Cleansing.

392 barrow-loads of refuse were removed from back passages.

The cost of this work for the year was £218.

Public Conveniences.

Eleven of the public conveniences provided by the Corporation are under the control of the Cleansing Department. Toilet accommodation is provided at seven of the conveniences. Total number of W.Cs. provided 58.

Depot Weighbridge.

The weighbridge was used as follows :

Departmental weighings during the year	...	8,257
Public Weighings	... ..	277

Refuse Receptacles.

197 Dust Bins were provided by owners of properties in replacement of defective receptacles following informal or formal notices.

Sanitary Inspection of the Area.

Movable Dwellings, Tents, Vans, etc.

Number inspected during the year	...	7
Number of nuisances abated therefrom	...	Nil
Number removed from the district...	...	Nil
Vans in district at end of year	...	1

Offensive Trades.

Number of premises in the District : Nil.

Fat Melters	... ..	Nil
Fried Fish Shops	...	27
Contraventions	...	Nil
Contraventions remedied	...	Nil
Number of inspections	...	37

There are no Bye-laws in operation.

Closet Accommodation.

No conversions were carried out during the year.

Swimming Baths and Pools.

There is one open air swimming pool of some 2,000,000 gallons capacity. A continuous filtration and chlorination plant is installed.

The working of the plant is satisfactory and efficient as shown by the results of periodical bacteriological and chemical examination of the water.

FACTORIES AND WORKPLACES.

1.—INSPECTION.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Prosecutions (5)
FACTORIES (Including Factory Laundries)	202	261	2	0
WORKPLACES (Other than out- workers' premises)	10	15	10	0
Total ...	212	276	12	0

2. DEFECTS FOUND.

Particulars (1)	Number of Defects			No. of Prosecu- tions (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts</i>				
Want of Cleanliness	...	...	...	...
Inadequate Ventilation	1	1	...	...
Overcrowding	...	...	...	...
Ineffective Drainage of Floors	...	...	...	...
Other Nuisances	...	...	...	...
Sanitary { Insufficient	7	7	7	...
Accommo- { Unsuitable or Defective	3	1	1	...
	2	...	1	...
<i>Offences under the Factory and Workshop Acts</i>				
Illegal occupation of underground				
Bakehouses (S.101)	...	...	...	...
Other Offences				
(Excluding offences relating to outwork)	...	...	...	...
Total	13	9	9	0

Bakehouses.

Number in district...	34
Number of underground bakehouses	Nil
Number of inspections	152
Contraventions of Factory Acts	3
Defects remedied ...	3

Section D.—HOUSING.

1. Inspection of Dwelling Houses during the year—

(1). (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	290
(b)	Number of inspections made for the purpose...	3,196
(2). (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	129
(b)	Number of inspections made for the purpose	438
(3).	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	234

2. Remedy of Defects during the year without service of formal notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	364
--	-----

3. Action under Statutory Powers during the year—

(a) Proceedings under Sections 9, 10 and 36 of the Housing Act, 1936 :

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	82
(2)	Number of dwelling-houses which were rendered fit after service of formal notices—	
(a)	By Owners	89
(b)	By Local Authority in default of Owners ...	1

(b) Proceedings under the Public Health Acts.

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	23
(2)	Number of dwelling houses in which defects were remedied after service of formal notices—	
(a)	By Owners	12
(b)	By Local Authority in default of Owners ...	Nil

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :			
(1)	Number of dwelling houses in respect of which Demolition Orders were made	... ..	Nil
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	... ..	Nil
(d) Proceedings under Section 12 of the Housing Act, 1936 :			
(1)	Number of separate tenements or underground rooms in respect of which closing orders were made	...	Nil
(2)	Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit	...	Nil

Nuisances.

Total number of nuisances during the year	... ..	243
(1) Abated as a result of informal action by Sanitary Inspectors	... ..	199
(2) Reported to Council :—		
(a) Statutory Notices issued	... ..	44
(b) Statutory Notices not issued	... ..	18

Details of Nuisances Abated.

	After Informal Intimation	After Statutory Notice
Overcrowding	—	—
Smoke	1	—
Accumulation of refuse and manure	5	—
Foul ditches, ponds and stagnant water	2	—
Foul pigs and other animals	4	—
Dampness	52	29
Yards, repaved or repaired...	48	12
Other nuisances (Drains etc.)	87	3

4. Housing Act, 1936.—Part IV. Overcrowding.

(a).—(1)	Number of dwellings overcrowded at end of year	... ..	5
(2)	Number of families dwelling therein	... ..	8
(3)	Number of persons dwelling therein	... ..	43
(b).—	Number of new cases of overcrowding reported during the year		6
(c).—(1)	Number of cases of overcrowding relieved during the year		4
(2)	Number of persons concerned in such cases	... ..	33
(d).—	Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	... ..	Nil

Section E. Inspection and Supervision of Food.

(a) Milk Supply.

COWHOUSES AND COWSHEDS.

Number on register	...	...	..	4
Number of inspections	...	...	...	30
Contraventions of Regulations	...	...	...	Nil
Contraventions remedied	...	...	...	Nil

DAIRIES AND MILKSHOPS.

Number on register, Dairies	...	...	...	11
Number on register, Milkshops	...	...	...	73
Number of inspections	...	...	...	155
Contraventions of Regulations	...	...	...	4
Contraventions remedied	...	...	...	4
Any disease attributed to milk during the year	...	...	...	Nil

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Number of Accredited Producers	...	...	...	4
Number of Accredited Premises	...	..	...	4

Seven samples of Accredited milk were taken by the County Authority during the year and with two exceptions these were satisfactory. Six samples were taken by the Health Department, all of which were satisfactory on bacteriological and biological examination.

There are two premises licensed for the pasteurization of milk and these are under regular inspection and supervision. Of 13 samples of pasteurised milk taken during the year 11 were satisfactory. Two of these samples were slightly unsatisfactory owing to small errors in pasteurization.

On the 1st October, the Milk Dairies Regulations, 1949, came into operation, as a result of which, control of cowsheds and dairies on farm premises involving milk production was transferred from local authorities to the Ministry of Agriculture and Fisheries. On that date too, the Milk (Special Designation) (Raw Milk) Regulations and the Milk (Special Designation) (Pasteurized and Sterilised) Regulations, 1949, were brought into effect. The latter regulations introduced a new designation for Milk viz.—“Sterilised Milk”, and all premises where such milk, or pasteurized milk, is processed, bottled, or stored, for the purpose of sale, must now be licensed by the local authority or the Food and Drugs authority.

Powers of licensing the two pasteurising establishments for processing milk in the Borough have passed from the Cleethorpes Council to the Lindsey County Council which is the Food and Drugs authority for this area.

Ice Cream.

Careful supervision and control over conditions of manufacture and sale of ice cream were maintained during the year.

Four-hundred-and-twenty-seven inspections were carried out upon the premises used for manufacture for the purpose of sale, or for the sale, or the storage of Ice Cream intended for sale, and such premises were generally found to be in satisfactory condition.

Fifty-four samples of Ice Cream were submitted for bacteriological examination under the Methylene Blue Test (Special Designation) 1947 Regulations, and for analysis for fat content in accordance with the Food Ministry's Circular, MF 3/49. The results were as follows :—

★★ Bacteriological Examination				Fat Content			
Good	Satis.	Unsat.	V.Unsat.	V.G.	Good	Satis.	Unsat.
18	14	8	—	2	22	27	3

★★ Twelve samples were delayed in transit and bacteriological examination was therefore not carried out.

One sample was coloured and the Methylene Blue Test could not be carried out.

One sample was satisfactory for Methylene Blue but contained B. Coli of non-fæcal origin.

Appropriate action was taken in the case of samples which were unsatisfactory.

Section F.—Prevalence of, and Control over, Infectious and other Diseases.

Notifiable Diseases (other than Tuberculosis) during the year 1949.

DISEASE	Total Cases Notified	Cases Admitted To Hospital	TOTAL DEATHS
FOOD POISONING ...	5	2	—
POLIOENCEPHALITIS	1	1	1
SCARLET FEVER ...	101	37	—
DIPHtheria ...	1	1	—
PNEUMONIA ...	51	3	11
ERYSIPELAS ...	6	—	—
C.S. MENINGITIS ...	1	1	—
MEASLES ...	139	—	—
WHOOPING COUGH	126	—	—
POLIOMYELITIS ...	1	1	—
PARATYPHOID FEVER	1	1	—
TOTALS	433	47	12

Cases of Infectious Disease in their respective months.

Notifiable Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Food Poisoning	—	—	—	—	—	2	3	—	—	—	—	—	5
Polioencephalitis	—	—	—	—	—	—	—	—	—	1	—	—	1
Scarlet Fever ...	13	7	6	10	9	6	4	7	10	7	11	11	101
Diphtheria ...	—	—	1	—	—	—	—	—	—	—	—	—	1
Pneumonia ...	8	11	11	6	3	1	1	1	1	1	5	2	51
Erysipelas ...	—	—	—	1	—	—	2	—	1	—	—	2	6
C.S. Meningitis	—	—	—	—	—	—	—	—	—	—	1	—	1
Measles ...	35	24	38	8	3	5	7	17	2	—	—	—	139
Whooping Cough	21	7	20	19	13	16	3	2	4	1	9	11	126
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	1	—	—	1
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	1	—	—	1
TOTALS	77	49	76	44	28	30	20	27	18	12	26	26	433

Diphtheria Immunisation.

I am indebted to the County Medical Officer for the following particulars relating to immunisation against diphtheria and vaccination against smallpox carried out in the Borough during the year.

Initial Immunisations.

At Infant Welfare Centres	...	...	177
By General Practitioners	...	...	239
At Schools	...	..	41
Total			<u>457</u>

Under 5 years — 403. 5 to 14 years— 54.

Reinforcing Injections.

At Infant Welfare Centres	...	...	3
By General Practitioners	...	...	32
At School Clinic	...	...	4
At Schools	...	...	348
Total			<u>387</u>

Smallpox Vaccination.

96 vaccinations were carried out during the year :

Children under 1 year	...	...	53
Children from 1 to 4 years	...	...	32
Children from 5 to 14 years	...	...	5
Persons of 15 years and over	...	...	6

8 re-vaccinations were also carried out :

- 1 in group 1 to 4 years.
- 1 in group 5 to 14 years.
- 6 in group 15 years and over.

Cancer.

Deaths from Cancer in the Borough, compiled locally in sex and age groups are tabulated as follows :—

CANCER DEATHS, 1949.

Age	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Totals
Male	—	—	1	3	4	15	14	2	39
Female	—	1	—	2	1	9	10	3	26
Totals	—	1	1	5	5	24	24	5	65

Prevention of Blindness.

The Lindsey County Council provides for the medical treatment of necessitous blind persons through their Public Health Committee. This includes specialist treatment in connection with blindness or the prevention of blindness.

Other services are provided through the Lindsey Society for the Blind in connection with the education, training, employment and general welfare of blind persons.

TUBERCULOSIS.

NOTIFICATION AND DEATHS.*

New Cases, 1949.

Deaths, 1949.

Age Periods	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year								
1 to 2 years			1				1	
2 to 3 "								
3 to 4 "								
4 to 5 "								
5 to 10 "	1							1
10 to 15 "		1		2				
15 to 20 "		1			1			
20 to 25 "	1	2			2			
25 to 35 "	3	2				1		
35 to 45 "	4	2			4		1	
45 to 55 "	2							
55 to 65 "	1							
65 years & over								
Totals	12	8	1	2	7	1	2	1

* From local records.

No action has been required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (relating to persons employed in the milk trade) nor under Section 172 of the Public Health Act, 1936.

Tuberculosis Deaths according to Occupation.

Males	Pulmonary	Non-Pulmonary
Fish Merchant ...	1	1
Factory Manager	1	—
Labourer ...	2	—
Window Cleaner	1	—
Milk Roundsman	1	—
Fitter ...	1	—
Child ...	—	1
	<u>7</u>	<u>2</u>
Females		
Fishing Net-Braider	1	—
Child ...	—	1
	<u>1</u>	<u>1</u>

Chest Clinic, Abbey Road, Grimsby.

Patients attend by appointment at the Clinic. During the year 24 new cases were added to the Tuberculosis Register. 41 cases were written off the Register as having removed to other areas or having been lost sight of, or died, leaving 216 cases on the Register at the end of the year. 15 cases were written off as recovered.

Tuberculosis After Care Committee.

This Committee renders valuable service in the after-care of cases of Tuberculosis. Special attention is paid to necessitous cases and their families, assistance being given in obtaining extra nourishment, clothing, etc., and in the form of holiday grants.

An Occupational Centre with a Workshop in St. Hugh's Avenue, is maintained by the Committee and provides a means to utilise the lessened working capabilities of selected cases.

An annual grant of £30 is made by the Lindsey County Council to augment the funds of the Committee whose work is voluntary.

Domestic Help Service.

The County Council, under Section 29 of the National Health Service Act, operate a Domestic Help Service within the County and, as far as possible, having regard to the availability of domestic helpers, make domestic help available where they consider such help is required, in the following types of cases :

- (1) Where there is illness in the household.
- (2) For expectant mothers and maternity cases during the lying in period.
- (3) Where there is a mental defective in the household.
- (4) Where there is an aged person in the household.

Persons receiving domestic help under the County Council's scheme are required to pay such charge as, having regard to the means of those persons, the County Council consider reasonable.

Application for help in the Cleethorpes area should be made to the Assistant Organiser at 31 Market Street, Cleethorpes.

The Assistant Organiser can be interviewed at the above address at the following times :

Mondays and Fridays	9 a.m. to 12-30 and 2 to 5-30 p.m.
Tuesdays, Wednesdays and Thursdays	9 to 10 a.m. and 2 to 2-30 p.m.
Saturdays	... 9 a.m. to 12 noon.

Report on the Meteorological Conditions prevailing at Cleethorpes during 1949.

ALAN B. COOPER, A.M. Inst. C.E.,
Borough Engineer, Cleethorpes.

The weather conditions prevailing during 1949 were exceptionally fine throughout the whole year. As early as February, eight hours of sunshine were recorded in one day, and this standard was maintained during the whole summer. During six months of the year only one day in each was sunless. The number of hours of sunshine (1734.3 hours) was the highest ever recorded over a year at Cleethorpes, and the amount of rain (17.16") was the lowest yearly total since 1921.

SUNSHINE.

From 1st January to 31st December, 1949, 1734.3 hours of bright sunshine were recorded.

This gives a daily average of 4.75 hours as compared with 4.16 hours for the previous year. The sunshine total for February 135.7 hours is the highest ever recorded for that month and generally speaking the monthly sunshine totals for the rest of the year were all well above average.

The maximum amount of sunshine recorded on one day was 15.1 hours on the 5th June.

The greatest number of hours of bright sunshine in one month was 229.8 hours in June. This gives a daily average for that month of 7.66 hours, which is 3.9 hours above the average for the year.

RAINFALL.

17.16 inches of rain were recorded during the year, this shows a decrease of 6.45 inches on the previous year's total of 23.62 inches.

The driest month of the year was September with 0.58 inches falling on only 6 days, and the wettest month was October with 2.61 inches falling over a period of 12 days.

The greatest rainfall in any one day was 0.95 inch on the 25th October.

TEMPERATURE OF THE AIR.

The average minimum shade temperature of 35.35° for March 1949, is the lowest for the year.

The average maximum shade temperature of 45.67° for March, 1949, is the lowest average for the year, while 68.0° maximum shade temperature in July, 1949, is the highest average.

The lowest air temperature recorded during the year was 24° F. on the 4th February. The highest maximum during the same period was 84° F. on the 4th July.

The lowest ground minimum temperature was 19° F. on the 4th February, 1949.

RELATIVE HUMIDITY

The average Relative Humidity for the year was 81.25% as compared with 83.45% in 1948.

MISCELLANEOUS PHENOMENA

During the year frosts were recorded on 32 occasions as follows :

11 occasions during January	9 occasions during February
6 ,, ,, March	2 ,, ,, October
4 ,, ,, November	

Snow fell on four days during 1949 and sleet on seven days. The wind reached gale force (or above) on the 1st March, 9th and 27th February and the 1st, 8th and 20th January.

The average amount of sky covered (in oktas) by cloud was 5.00.

The Cleethorpes Meteorological Station No. 2574 is officially recognised by the Air Ministry Meteorological Office as an Auxiliary Climatological Station, and a First Class Health Resort Station.

Nightly reports to the Air Ministry in the form of a Weather Telegram were dispatched throughout the year.

The Station is under the control of the Borough Engineer and Surveyor (Mr. Alan B. Cooper, A.M., Inst. C.E.) and the Observers during 1949 were D. K. Jackson and D. Tonge who are members of the Engineer's staff.

A summarised statement is attached to this report.

Summary of Meteorological Observations taken at Cleethorpes during 1949.

1949	Average Temperature		Total Sunshine in hours	No. of Sunless Days	Total Rainfall Inches	Days with Rain	Average Relative Humidity	Av. Cloud Amount in 10ths.
	Max.	Min.						
	° F	° F						
January	45.93	35.54	58.9	6	1.13	12	88.64	5.25
February	49.35	35.39	135.7	0	0.59	11	83.67	3.64
March	45.67	35.35	87.1	9	0.81	13	83.48	6.03
April	58.76	42.76	168.7	1	2.03	9	73.63	5.00
May	57.41	42.93	212.6	1	1.21	17	76.22	5.54
June	64.33	50.13	229.8	1	0.66	11	74.46	5.40
July	68.00	55.00	218.2	4	2.10	11	77.00	5.40
August		54.00	212.0	1	1.53	8	75.00	5.00
September		54.00	159.2	1	0.58	6	81.00	5.00
October		47.00	120.9	4	2.61	12	88.00	5.61
November		39.00	71.9	7	2.13	17	87.00	5.39
December		41.00	59.3	6	1.76	20	87.00	5.00
Sums		532.10	1734.3	41	17.14	147	975.10	62.26
Means		44.34	144.5	3.42	1.43	12.25	81.25	5.19

Greatest fall of rain in a day 0.95 ins. on 25th Oct., 1949.
(Most ever recorded since 1910 2.49 ins. on 24th June, 1911).

Greatest amount of sunshine in a day 15.1 hours on 5th June, 1949.
(Most ever recorded since 1910 15.7 hours on 17th June, 1932
and 14th June, 1940)

Highest shade temperature recorded 84° F. on the 4th July, 1949.
(Max. ever recorded since 1910 90° F. on 28th August, 1933).

Lowest shade temperature recorded 24° F. on 5th February, 1949.
(Lowest ever recorded since 1910 9° F. on 16th February, 1929)

Lowest ground temperature recorded 19° F. on 4th February, 1949.
(Lowest ever recorded since 1932 9° F. on 16th February, 1940.

Winds.

Direction.	No. of Days.	Direction.	No. of Days.
N.	55	S.	48
NNE.	1	SSW.	0
NE.	24	SW.	28
ENE.	0	WSW.	5
E.	18	W.	60
ESE.	0	WNW.	3
SE.	20	NW.	62
SSE.	3	NNW.	3
Calm	35	Prevailing Wind — N.W.	

